CLAIMS

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1. A method of transporting goods, comprising:

providing a jack-up barge;

providing a crane on the jack-up barge;

transferring goods between an ocean-going vessel and barges or other shallower-draft feeder vessels using the crane on the jack-up barge to unload the ocean-going vessel by transferring its containers to the barges or other shallower-draft feeder vessels and vice versa.

- 2. The method of claim 1, wherein the jack-up barge is positioned at the mouth of a river.
- 3. A system for transshipping containerized cargo, comprising:
- 10 a jack-up barge;

a crane on the jack-up barge for transferring goods between an ocean-going vessel and a barge or other shallower-draft feeder vessel using the crane on the jack-up barge.

- 4. A system for transshipping containerized cargo, comprising:
- a plurality of jack-up barges connected together end-to-end to form a transshipping 15 platform;

cranes on the jack-up barges for transferring goods between ocean-going vessels and barges or other shallower-draft feeder vessels using the cranes on the jack-up barges.

- 5. The system of claim 4, wherein the jack-up barges are each about 450 feet (137.2m) long and about 100 feet (30.5m) wide, with about a 20 foot (6.1m) hull depth and of an oceangoing hull design.
 - 6. The system of claims 4 or 5, wherein there are at least four cranes.
- 7. The system of claims 4, 5, or 6, further comprising an upper transfer platform mounted on the crane above the transshipping platform.
- The system of any one of claims 4-7, further comprising cargo transfer roadways on the transshipping platform.
- The invention of any one of claims 1-3, wherein the jack-up barge is connected to a land site.
- 10. The invention of any one of claims 1-3, wherein the jack-up barge is not connected to a land site.
- 11. The invention of any one of claims 4-8, wherein the jack-up barges are connected to a land site.

- 12. The invention of any one of claims 4-8, wherein the jack-up barges are not connected to a land site.
 - 13. A method of transporting goods, comprising:

providing a platform constructed over water;

providing a crane on the platform, wherein the crane is a gantry crane including a gantry trolley and at least one boom crane;

transferring goods between an ocean-going vessel and a barge or other shallower-draft feeder vessel using the crane on the platform.

- 14. The method of claim 13, wherein the platform is positioned at the mouth of a river.
- 15. A system for transshipping containerized cargo, comprising:
- a platform constructed over water;

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a crane on the platform for transferring goods between an ocean-going vessel and a barge or other shallower-draft feeder vessel using the crane on the platform, wherein the crane is a gantry crane including a gantry trolley and at least one boom crane.

- 16. The system of claim 15 for transshipping containerized cargo, wherein the platform comprises a plurality of jack-up barges connected together end-to-end to form a longer transshipping platform, and there are a plurality of cranes on the jack-up barges for transferring goods between ocean-going vessels and barges or other shallower-draft feeder vessels using the cranes on the jack-up barges.
- 17. The system of claim 16, wherein the jack-up barges are each about 450 feet (137.2m) long and about 100 feet (30.5m) wide, with about a 20 foot (6.1m) hull depth and of an oceangoing hull design.
 - 18. The system of claims 16 or 17, wherein there are at least four cranes.
- 19. The system of claims 16, 17, or 18, further comprising an upper transfer rack mounted on the crane above the transshipping platform.
- 20. The system of any one of claims 16-19, further comprising cargo transfer roadways on the transshipping platform.
- 21. The invention of any one of claims 13-20, wherein the platform is connected to a land site.
- 30 22. The invention of any one of claims 13-20, wherein the platform is not connected to a land site

- 23. The invention of any prior claim, wherein at least one crane is a gantry crane including a gantry trolley and at least one boom crane.
- 24. The invention of any prior claim, wherein at least one crane is a gantry crane including a gantry trolley and at least two boom cranes.
- 25. The invention of any prior claim, wherein at least one crane is a gantry crane including a gantry trolley and at least three boom cranes.
- 26. The invention of any one of claims 23-25, wherein at least one boom crane is a telescoping boom crane.
- The invention of any prior claim, wherein the apparatus includes at least one mobile
 harbor crane.
 - 28. A system for transshipping containerized cargo, comprising:
 - a transshipping platform constructed over water;

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- a plurality of cranes on the transshipping platform for transferring goods between an ocean-going vessel and a barge or other shallower-draft feeder vessel using the cranes on the transshipping platform, wherein at least two of the cranes are gantry cranes including a gantry trolley, at least one boom crane, and an upper transfer rack mounted on the gantry crane above the transshipping platform;
 - a cargo transfer roadway on the transshipping platform.
- 29. The system of claim 28 for transshipping containerized cargo, wherein the platform comprises a plurality of jack-up barges connected together end-to-end to form a longer transshipping platform, and there are a plurality of cranes on the jack-up barges for transferring goods between ocean-going vessels and barges or other shallower-draft feeder vessels using the cranes on the jack-up barges.
- 30. The system of claim 29, wherein the jack-up barges are each about 450 feet (137.2m) long and about 100 feet (30.5m) wide, with about a 20 foot (6.1m) hull depth and of an oceangoing hull design.
- 31. The invention of any one of claims 13-15, wherein the platform is fixed on piles or a material such as spoil or rock for its foundation.
 - 32. The system substantially as described and shown herein.
 - 33. The method substantially as described and shown herein.
 - Apparatus including:

- a gantry;
- a gantry crane attached to the gantry;
- at least one rotating boom crane attached to the gantry.
- 35. The apparatus of claim 34, including at least two rotating boom cranes attached to
 5 the gantry.
 - 36. The apparatus of claim 34, wherein the gantry includes a ship side, and including at least one boom crane attached to the ship side of the gantry.
 - 37. The apparatus of claim 34, wherein the gantry includes a back side, and including at least one boom crane attached to the back side of the gantry.
- 38. The apparatus of any one of claims 34-37, including three rotating boom cranes attached to the gantry.
 - 39. The apparatus of any one of claims 34-38, including four rotating boom cranes attached to the gantry.
 - 40. Apparatus including:
- 15 a gantry;
 - a gantry crane attached to the gantry;
 - at least one rotating horizontal slewing boom crane attached to the gantry.
 - 41. The apparatus of claim 40, including at least two rotating boom cranes attached to the gantry.
- 42. The apparatus of claim 40, wherein the gantry includes a ship side, and including at least one boom crane attached to the ship side of the gantry.
 - 43. The apparatus of claim 40, wherein the gantry includes a back side, and including at least one boom crane attached to the back side of the gantry.
 - 44. Apparatus including:
- 25 a ship-to-shore gantry;
 - a gantry crane attached to the gantry;
 - a boom crane and frame attached to the ship-to-shore gantry.
 - Apparatus including:
 - a boom crane;
- 30 a frame for supporting the boom crane;

means for attaching the frame to a ship-to-shore gantry.

- 46. The apparatus of any one of claims 34-45, including three rotating boom cranes attached to the gantry.
- 47. The apparatus of any one of claims 34-46, including four rotating boom cranes attached to the gantry.
- 48. The apparatus of any one of claims 34-47, including at least one slewing boom crane attached to the gantry.
- 49. The apparatus of any one of claims 34-48, including at least one luffing boom crane attached to the santry.
- 50. The apparatus of any one of claims 34-49, including at least one luffing boom crane attached to the gantry and at least one slewing boom crane attached to the gantry.
 - 51. The apparatus of any one of claims 34-50, including two luffing boom cranes attached to the gantry and two slewing boom cranes attached to the gantry.
 - 52. The invention(s) substantially as described and shown herein.
 - 53. Apparatus including:
- 15 a gantry;

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- a trolley attached to the gantry;
- at least one rotating, luffing, boom crane attached to the gantry.
- 54. The apparatus of claim 53, including at least two rotating boom cranes attached to the gantry.
- 20 55. The apparatus of claim 53, wherein the gantry includes a ship side, and including at least one boom crane attached to the ship side of the gantry.
 - 56. The apparatus of claim 53, wherein the gantry includes a back side, and including at least one boom crane attached to the back side of the gantry.
 - The apparatus of claim 53, including three rotating boom cranes attached to the gantry.
 - 58. The apparatus of claim 53, including four rotating boom cranes attached to the gantry.
 - 59. (amended) Apparatus including:
 - a gantry;
- 30 a trolley attached to the gantry;
 - at least one rotating horizontal, luffing, slewing boom crane attached to the gantry.

- 60. The apparatus of claim 59, including at least two rotating boom cranes attached to the gantry.
- 61. The apparatus of claim 59, wherein the gantry includes a ship side, and including at least one boom crane attached to the ship side of the gantry.
- 5 62. The apparatus of claim 59, wherein the gantry includes a back side, and including at least one boom crane attached to the back side of the gantry.
 - 63. Apparatus including:
 - a ship-to-shore gantry;

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- a trolley attached to the gantry;
- a luffing, rotating, boom crane and frame attached to the ship-to-shore gantry.
 - 64. Apparatus including:
- a luffing, rotating, boom crane;
- a frame for supporting the boom crane;

means for attaching the frame to a ship-to-shore gantry having a trolley.

- The apparatus of claim 64, including three rotating boom cranes attached to the gantry.
 - 66. The apparatus of claim 64, including four rotating boom cranes attached to the gantry.
- 67. The apparatus of claim 53, including at least one luffing boom crane attached to the gantry and at least one slewing boom crane attached to the gantry.
 - 68. The apparatus of claim 53, including two luffing boom cranes attached to the gantry and two slewing boom cranes attached to the gantry.
 - 69. The apparatus of any prior claim, further comprising a bi-directional trailer.
 - 70. The apparatus of any prior claim, further comprising multiple bi-directional trailers.
 - 71. The apparatus of any prior claim, further comprising an MPC island.
 - 72. The apparatus of any prior claim, further comprising a platform exension.
 - 73. The apparatus of any prior claim, further comprising platform exensions.